

# MATERIAL SAFETY DATA SHEET

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Product Identification

Product Name: Altra Rock Drill 320 CP  
Synonyms: Rock Drill Oil  
CAS Number: Blend

### Company Identification

Allegheny Petroleum Products Co.  
999 Airbrake Avenue  
Wilmerding, PA 15148 USA  
1-412-829-1990 (For product information)  
1-800-424-9300 (For emergencies)  
1-800-424-9300 or 1-703-527-3887 (CHEMTREC)

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### COMPONENT LISTING:

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
PETROLEUM BASE OIL, SOLVENT-DEWAXED PARAFFINIC	< 90.0 %	64742-65-0
ALKANES, CHLORO, C14-C17	5.0 - 10.0 %	Proprietary
NON-HAZARDOUS ADDITIVES	< 5.0 %	Proprietary

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

### COMPOSITION COMMENT:

This product does not contain any components required to be reported per the SARA Section 313.

### HAZARDS DISCLOSURE

This product contains no known hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains no known hazardous materials.

### 3. HAZARDS IDENTIFICATION

HMIS Rating -           Health: 1  
                  Flammability: 1  
                  Reactivity: 0

#### POTENTIAL HEALTH EFFECTS

**EYE:**

May be slightly irritating.

**SKIN:**

Prolonged or repeated contact may cause skin irritation, local redness and swelling.

**INHALATION:**

High vapor concentrations are irritating to the eyes, nose, throat, and lungs.

**INGESTION:**

Small amounts ( a tablespoonful) swallowed during normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury.

**CHRONIC EFFECTS:**

None reported.

**CARCINOGENICITY INFORMATION:**

None known.

### 4. FIRST AID MEASURES

**EYE CONTACT FIRST AID:**

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation develops or persists.

**SKIN CONTACT FIRST AID:**

Wash skin with plenty of soap and water while removing contaminated clothing and shoes. Get medical attention if irritation develops or persists. Wash clothing separately before reuse.

**INHALATION FIRST AID:**

Remove to fresh air.

If not breathing, give artificial respiration and contact a physician immediately.

(section 4 continued)

**INGESTION FIRST AID:**

For larger amounts, do NOT induce vomiting, but give one or two glasses of water to drink and get medical attention. Never give anything by mouth to an unconscious person.

**NOTES TO PHYSICIAN:**

Treat symptomatically.

**5. FIRE FIGHTING MEASURES**

**FLAMMABLE PROPERTIES**

COC Flash Point: > 176.7 C (> 350.1 F)  
Autoignition Temperature: N/A

**FLAMMABLE LIMITS IN AIR**

LEL: N/A  
UEL: N/A

**EXTINGUISHING MEDIA:**

Carbon dioxide, foam, or dry powder. Do not use water, because this product is oil based. Water may cause frothing.

**FIRE & EXPLOSION HAZARDS:**

Can burn in fire, releasing toxic vapors, fumes, and smoke.

**FIRE FIGHTING INSTRUCTIONS:**

As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

**COMBUSTION PRODUCTS:**

Hazardous decomposition products are oxides of carbon and nitrogen including CO and CO<sub>2</sub>.

**6. ACCIDENTAL RELEASE MEASURES**

**SAFEGUARDS (PERSONNEL):**

Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

**INITIAL CONTAINMENT:**

Absorb spills with inert material. Do not allow material to enter soil or surface water.

**LARGE SPILLS PROCEDURE:**

Absorb spill with inert material (e g, dry sand or earth), then place in a chemical waste container. Do not flush to sewer.

(section 6 continued)

**SMALL SPILLS PROCEDURE:**

Absorb spills with inert material.

**MISCELLANEOUS:**

Treat or dispose of in accordance with all federal, state, and local requirements. Incineration is preferred.

## **7. HANDLING AND STORAGE**

**HANDLING (PERSONNEL):**

DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner, or properly disposed of. Wash hands thoroughly after handling.

**HANDLING (PHYSICAL ASPECTS):**

Secure container after each use. Store in a cool dry area.

Avoid contact with strong oxidizing agents.

**STORAGE PRECAUTIONS:**

Store in a cool dry place, in a tightly closed container. Eliminate all sources of ignition - heat, sparks, flame, electricity, impact and friction.

## **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**ENGINEERING CONTROLS:**

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product. TLV for mineral oil is 5 mg/cubic meter.

**EYE / FACE PROTECTION REQUIREMENTS:**

When splashing of the material may occur, chemical goggles and/or a face shield are recommended.

**SKIN PROTECTION REQUIREMENTS:**

Where contact is likely, wear chemical resistant gloves.

**RESPIRATORY PROTECTION REQUIREMENTS:**

Under normal use conditions, with adequate ventilation, no special handling equipment is required. If mists are produced, local ventilation may be required to keep exposure below limits.

(section 8 continued)

**EXPOSURE GUIDELINES:**

No Information Available.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

FORM .....: Liquid  
COLOR .....: Amber  
ODOR .....: Petroleum  
VAPOR DENSITY .....: Heavier than air (Air = 1)  
SOLUBILITY IN WATER ...: Nil  
SPECIFIC GRAVITY .....: 0.913 at 60 Deg F (Water = 1)  
BULK DENSITY .....: 7.60 Pounds per Gallon at 60 Deg F  
PH .....: Not applicable  
VISCOSITY .....: 100 cSt at 40 Deg C

**10. STABILITY AND REACTIVITY**

**STABILITY:**

Stable.

**POLYMERIZATION:**

Hazardous polymerization will not occur.

**INCOMPATIBILITY WITH OTHER MATERIALS:**

Avoid contact with strong oxidizing agents.

**DECOMPOSITION:**

In the case of a fire, oxides of carbon, hydrocarbons, fumes, and smoke may be produced.

**11. TOXICOLOGICAL INFORMATION**

**MISCELLANEOUS:**

Routes of entry: Eyes, ingestion, inhalation, skin.

**12. ECOLOGICAL INFORMATION**

**MISCELLANEOUS:**

No data available.

**13. DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:**

Avoid disposal into waste water treatment facilities. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

**14. TRANSPORTATION INFORMATION**

PRODUCT LABEL .....: Altra Rock Drill 320 CP  
D.O.T. SHIPPING NAME ...: Not Regulated by DOT

**15. REGULATORY INFORMATION**

**REGULATORY LISTS SEARCHED:**

01 = CANADIAN DISCLOSURE LIST	02 = CERCLA Hazardous Substances
03 = TITLE V OF THE CLEAN AIR ACT	04 = SC Toxic Air Pollutants List
05 = SARA TITLE III - SECTION 313	06 = SARA Title III - Section 312
07 = CA PROPOSITION 65	08 = RCRA Hazardous Substances

No information available.

**16. OTHER INFORMATION**

REASON FOR ISSUE ...: NEW  
APPROVAL DATE .....: July 10, 2009  
SUPERCEDES DATE ....: New  
RTN NUMBER .....: 00311452 (Official Copy)

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**END OF MSDS**  
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